

**Size:** 31,486 acres  
**Mission:** Provide facilities, services, and material support for maintenance of Naval weapons and aircraft  
**HRS Score:** 31.99; placed on NPL in November 1989  
**IAG Status:** Federal Facility Agreement signed in November 1990  
**Contaminants:** Waste fuel oil, solvents, heavy metals, halogenated aliphatics, phthalate esters, SVOCs, and lead  
**Media Affected:** Groundwater, surface water, sediment, and soil  
**Funding to Date:** \$29.8 million  
**Estimated Cost to Completion (Completion Year):** \$16.9 million (FY2007)  
**Final Remedy in Place or Response Complete Date for BRAC Sites:** FY2001



## Jacksonville, Florida

### Restoration Background

In July 1993, the BRAC Commission recommended the FY99 closure of this installation and relocation of its aircraft, personnel, and equipment to other stations.

Since FY84, environmental investigations have identified 18 CERCLA sites; 6 major underground storage tank (UST) sites; 250 BRAC grey sites; 235 USTs for removal and contamination assessment; and a RCRA site. Typical operations that caused contamination at the installation include equipment maintenance, storage and disposal of fuel and oil, fire training, and training on target ranges. The initial site assessment was completed FY95, and Remedial Investigation and Feasibility Study (RI/FS) activities began in FY93. Twelve sites were grouped in seven operable units (OUs), based on the type of waste disposed of and the profile of the suspected contaminants. The six remaining CERCLA sites are being investigated and remediated individually.

In FY94, a BRAC cleanup team (BCT) was formed, and the installation's technical review committee was converted to a Restoration Advisory Board. The regulatory agencies approved 17,005 acres as CERFA-uncontaminated. Four interim Records of Decision (RODs) were signed, and the contaminated soil at Site 16 was removed. In FY95, RODs for four sites were signed and contaminated soil at Sites 11 and 17 was removed. During FY96, contaminated soil and a bioslurper were removed from the North Fuel Farm. The ROD for Site 16 was signed.

In FY97, a no further action (NFA) ROD was signed for Site 10. Remedial Investigation (RI), Baseline Risk Assessment, and Feasibility Study (FS) documents were completed for Sites 14 and 15. The installation started ROD implementation at Sites 1 and 2. It also completed removal of Day Tank 2, Jet Engine Test Cell

soil, A Avenue soil, Site 18 unexploded ordnance, and 29 miscellaneous tanks. The North Fuel Farm and Day Tank 1 Remedial Action Plans (RAPs) were completed. Lake Fretwell was removed from the State Health Advisory List.

### FY98 Restoration Progress

In FY98, the installation signed RODs for Sites 3, 11, and 14. The RODs for Sites 7 and 8 were not completed because of changing cleanup standards for the soil at these sites. The Site 15 ROD was delayed because of further investigation by the BCT. The RI/FS for Site 4 was completed, and an NFA document was signed. NFA documents for Sites 6, 18, and 19 have not been signed, because additional sampling is required. NFA reports were submitted for Sites 9 and 12. Remediation of 10 BRAC grey sites was delayed by need for further investigations. The installation completed the soil excavation at Site 5, the North Fuel Farm, and the Jet Engine Test Cell. A groundwater remediation system was installed at South Fuel Farm. Finding of suitability to lease (FOSL) documents were signed for 80 parcels. The installation completed FSs for Sites 11 and 15 and RIs for two sites. The investigation began at Site 6, and an FS was deemed unnecessary. The installation completed the Day Tank 2 contamination assessment report, the RAP, and six designs. Six designs and three corrective action plans for USTs, and four groundwater RDs were also completed.

### Plan of Action

- Prepare Finding of Suitability to Transfer documentation for 7,000 acres in the Yellow Water Weapons Area, 6,000 acres of flightline-related property and buildings, and 640 acres to go to Clay County in FY99

- Install air-sparging system in source area and continue natural attenuation sampling in downgradient part of Site 3 plume in FY99
- Complete NFA decision document for Sites 6, 18, and 19 in FY99
- Continue natural attenuation monitoring at Sites 5, 8, 16, 17, and the Jet Engine Test Cell in FY99
- Submit ROD for Site 15 in FY99
- Submit the soil removal design and work plan for Sites 7 and 8, a groundwater design for Site 11, an air-sparging design at Site 16, and a sewer design at Site 16 in FY99
- Install air-sparging system and slip-line storm drain at Site 16 in FY99
- Begin groundwater sampling at Site 11 in FY99
- Continue operating air-sparging and soil venting system at South Fuel Farm in FY99
- Perform well pilot study at North Fuel Farm in FY99
- Perform radiological survey at Yellow Water Weapons Area bunkers in FY99
- Investigate 103rd Street pipeline in FY99
- Remove asbestos-containing material from 15 buildings in FY99
- Remove soil at Sites 6 through 8 in FY99
- Remove 15 tanks in FY99
- Complete soil removal at 10 BRAC grey sites in FY99

### SITES ACHIEVING RIP OR RC PER FISCAL YEAR

